

WHAT IS CLAIMED IS:

- Sub 917
1. A range shift display unit, comprising:  
target range detection means for detecting a target range selected based on a shift operation by a driver and generating a range signal corresponding to a detected target range; and  
display processing means for driving a display portion corresponding to the target range by a predetermined driving method for the target range.
  2. The range shift display unit according to claim 1, further comprising:  
shift means disposed at a plurality of shift positions corresponding to the range signal; and  
shift processing means for driving the driving means based on the range signal and disposing the shift means at a shift position for the target range.
  3. The range shift display unit according to claim 2, further comprising:  
shift position detection means for detecting the shift position of the shift means and generating a shift position signal, wherein the shift processing means drives the driving means based on the range signal and the shift position signal and disposes the shift means at the shift position for the target range.
  4. The range shift display unit according to claim 3, wherein the display processing means drives the display portion corresponding to the target range by a first driving method for the target range until the shift means reaches the shift position for the target range and drives the display portion corresponding to the target range by a second driving method for the target range after the shift means has reached the shift position for the target range.
  5. The range shift display unit according to claim 3, wherein the display processing means drives each of the display portions corresponding to transient ranges from a current range to the target range by a driving method for transient ranges until the shift means reaches the shift position for the target range.
  6. The range shift display unit according to claim 2, wherein the target range includes a parking range at which a parking mechanism of a vehicle is locked and at least one range at which the parking mechanism is released.
  7. The range shift display unit according to claim 1, further comprising a display unit provided with a plurality of display portions corresponding to each range.

8. The range shift display unit according to claim 2, wherein the display portion corresponding to the target range is made to blink until the shift position has reached the shift position for the target range during the predetermined driving method.

9. The range shift display unit according to claim 2, wherein the display portion for the transient ranges is made to blink until the shift position has reached the shift position for the target range during the predetermined driving range.

10. The range shift display unit according to claim 2, wherein the shift means is a shift valve for generating a range pressure corresponding to the shift position.

11. The range shift display unit according to claim 6, wherein the shift means is a shift valve for generating a range pressure corresponding to the shift position.

12. A range shift display method, comprising the steps of:  
 detecting a target range selected based on a shift operation by a driver;  
 generating a range signal corresponding to the detected target range;  
 driving a display portion based on the range signal;  
 disposing shift means at a shift position for the target range;  
 generating a range pressure corresponding to the shift position; and  
 driving the display portion corresponding to the target range among a plurality of display portions in a display unit by a driving method for a predetermined target range.

13. The method of claim 12, further comprising the steps of:  
 driving the display portion corresponding to the target range by a first driving method for the target range until the shift means reaches the shift position for the target range; and  
 driving the display portion corresponding to the target range by a second driving method for the target range after the shift means has reached the shift position for the target range.

14. The method of claim 12, further comprising the step of:  
 driving each of the display portions corresponding to transient ranges from a current range to the target range by a driving method for transient ranges until the shift means reaches the shift position for the target range.

15. The method of claim 12, further comprising the steps of:  
 displaying a plurality of display portions corresponding to each range.

16. The method of claim 12, wherein the target range includes a parking range at which a parking mechanism of a vehicle is locked and at least one range at which the parking mechanism is released.

17. The method of claim 12, wherein the display portion corresponding to the target range is made to blink until the shift position has reached the shift position for the target range during the predetermined driving method.

18. The method of claim 12, wherein the display portion for the transient ranges is made to blink until the shift position has reached the shift position for the target range during the predetermined driving range.